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FORM PTO-1390
(REV. 11-2000)

TRANSMITTAL LETTER TO THE UNITED STATES

PEGLODIA TED (FL. ECTED, OFFICE (DO (FO. (LG)))

DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

0465-0911P

H.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/08/05/05/06

| CONCERNING A FILING  | CONCERNING A FILING UNDER 35 U.S.C. 3/1           |                                       |  |  |  |  |  |  |
|--|---|---------------------------------------|--|--|--|--|--|--|
| INTERNATIONAL APPLICATION NO.  | INTERNATIONAL FILING DATE                         | PRIORITY DATE CLAIMED                 |  |  |  |  |  |  |
| PCT/KR00/01439   | December 12, 2000                                 | July 19, 2000                         |  |  |  |  |  |  |
| TITLE OF INVENTION  ABSOLUTE HUMIDITY SENSOR   |   |                                       |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US  |   |                                       |  |  |  |  |  |  |
| LEE, Don Hee and HONG, Hyung Ki  |   |                                       |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |                                       |  |  |  |  |  |  |
| 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |   |                                       |  |  |  |  |  |  |
| 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |   |                                       |  |  |  |  |  |  |
| 3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).  |   |                                       |  |  |  |  |  |  |
| 4. The US has been elected by the expiration of 19 months from the priority date (Article 31).   |   |                                       |  |  |  |  |  |  |
| 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |                                       |  |  |  |  |  |  |
| a. 🔀 is transmitted herewith (required only if not transmitted by the International Bureau). WO 02/06808   |   |                                       |  |  |  |  |  |  |
| has been transmitted by the International Bureau.  |   |                                       |  |  |  |  |  |  |
| is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |                                       |  |  |  |  |  |  |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |                                       |  |  |  |  |  |  |
| a. is transmitted herewith. b. has been previously submitted under 35 U.S.C. 154(d)(4)  7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). a. are transmitted herewith (required only if not transmitted by the International Bureau).   |   |                                       |  |  |  |  |  |  |
| b. has been previously submitted under 35 U.S.C. 154(d)(4)   |   |                                       |  |  |  |  |  |  |
| 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |                                       |  |  |  |  |  |  |
|  |   |                                       |  |  |  |  |  |  |
| b. have been transmitted by the International Bureau.  c. have not been made; however, the time limit for making such amendments has NOT expired.  |   |                                       |  |  |  |  |  |  |
| c. have not been made; however, the time limit for making such amendments has NOT expired.   |   |                                       |  |  |  |  |  |  |
| The state of the s |   |                                       |  |  |  |  |  |  |
| 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 3/1(c)(3)).  9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |                                       |  |  |  |  |  |  |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36  |   |                                       |  |  |  |  |  |  |
| (35 U.S.C. 371(c)(5)).   |   |                                       |  |  |  |  |  |  |
| Items 11. to 20. below concern document(s) or information included:  |   |                                       |  |  |  |  |  |  |
| 11. An Information Disclosure Statemen (PCT/ISA/210) with 0 cited document   | t under 37 CFR 1.97 and 1.98, Form PTO-144 nt(s). | 9(s), and International Search Report |  |  |  |  |  |  |
| 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |   |                                       |  |  |  |  |  |  |
| 3. A FIRST preliminary amendment.  |   |                                       |  |  |  |  |  |  |
| . A SECOND or SUBSEQUENT preliminary amendment.  |   |                                       |  |  |  |  |  |  |
| A substitute specification.  |   |                                       |  |  |  |  |  |  |
| A change of power of attorney and/or address letter.   |   |                                       |  |  |  |  |  |  |
| 7. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.   |   |                                       |  |  |  |  |  |  |
| A second copy of the published international application under 35 U.S.C. 154(d)(4).  |   |                                       |  |  |  |  |  |  |
| 9. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |   |                                       |  |  |  |  |  |  |
| <ul> <li>Other items or information:</li> <li>1.) Eleven (11) Sheets of Formal Drawings</li> </ul>   |   |                                       |  |  |  |  |  |  |
| 1.) Dieven (11) Sheets of Format Dis   | awings  |                                       |  |  |  |  |  |  |
|  |   |                                       |  |  |  |  |  |  |

| U.S. APPLICATION NO (if known, see 37 C  | FR 1.5)                  | INTERNATIONAL APPLICATION NO |                     |            |          | ATTORNEY'S DOCKET NUMBER |              |  |  |
|--|--------------------------|------------------------------|---------------------|------------|----------|--------------------------|--------------|--|--|
| 1 n /NEY   | %855 <b>6</b>            | PCT/KR00/01439               |                     |            |          | 0465-0911P               |              |  |  |
| 21. The following fees are submitted:  |                          |                              |                     |            |          | CULATIONS                | PTO USE ONLY |  |  |
| BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):  |                          |                              |                     |            |          | -                        |              |  |  |
| Neither international pr   |                          |                              |                     |            |          |                          |              |  |  |
| nor international search   |                          |                              |                     | 61 040 00  |          |                          | •            |  |  |
| and International Sear   | en Report not prepare    | d by the                     | EPO or JPO          | \$1,040.00 |          |                          |              |  |  |
| International prelimina  | ry examination fee (3    | 7 CFR 1.                     | 482) not paid to    |            |          |                          |              |  |  |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00                           |                          |                              |                     |            |          |                          |              |  |  |
|  |                          | _                            |                     |            |          |                          |              |  |  |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO                               |                          |                              |                     |            |          |                          |              |  |  |
|  |                          |                              |                     |            |          |                          |              |  |  |
|  |                          |                              |                     |            |          |                          |              |  |  |
|  |                          |                              |                     |            |          |                          |              |  |  |
| •  |                          |                              |                     |            |          |                          |              |  |  |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO   |                          |                              |                     |            |          |                          |              |  |  |
| and all claims satisfied provisions of PCT Article 33(1)-(4)   |                          |                              |                     |            |          | 1,040.00                 |              |  |  |
| ENTER API  | PROPRIATE BA             | ASIC I                       | FEE AMOUNT =        |            |          |                          |              |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30  |                          |                              |                     |            |          | 0.00                     |              |  |  |
| months from the earlies  |                          |                              |                     |            | \$       |                          |              |  |  |
| CLAIMS   | NUMBER FILE              | ED                           | NUMBER EXTRA        | RATE       |          |                          |              |  |  |
| Total Claims   | 20 - 20 =                |                              | 0                   | X \$18.00  | \$       | 0.00                     |              |  |  |
| Independent Claims   | 2 - 3 =                  |                              | 0                   | X \$84.00  | \$       | 0.00                     |              |  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) None + \$280.00  |                          |                              |                     |            |          | 0.00                     |              |  |  |
| TOTAL OF ABOVE CALCULATIONS =  |                          |                              |                     |            | \$       | 1,040.00                 |              |  |  |
| pplicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                          |                              |                     |            | \$       | 0.00                     |              |  |  |
| SUBTOTAL =   |                          |                              |                     |            | \$       | 1,040.00                 |              |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30   |                          |                              |                     |            |          | 0.00                     |              |  |  |
| months from the earliest claimed priority date (37 CFR 1.492(1)).  |                          |                              |                     |            |          |                          |              |  |  |
| TOTAL NATIONAL FEE =   |                          |                              |                     |            |          | 1,040.00                 |              |  |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |                          |                              |                     |            | \$       | 40.00                    |              |  |  |
| TOTAL FEES ENCLOSED =  |                          |                              |                     |            |          | 1,080.00                 |              |  |  |
|  |                          |                              |                     |            |          | Amount to be:            | \$           |  |  |
|  |                          |                              |                     |            |          | refunded                 | e            |  |  |
|  |                          |                              |                     |            | <u> </u> | charged                  | 3            |  |  |
| a. A check in the amount of \$ 1,080.00 to cover the above fees is enclosed.   |                          |                              |                     |            |          |                          |              |  |  |
| b. Please charge my Deposit Account. No in the amount of \$ to cover the above fees.   |                          |                              |                     |            |          |                          |              |  |  |
|  | of this sheet is enclose |                              | in the amount of \$ |            | over th  | c above ices.            | •            |  |  |
|  |                          |                              |                     |            |          |                          |              |  |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448.                  |                          |                              |                     |            |          |                          |              |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR   |                          |                              |                     |            |          |                          |              |  |  |
| 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |                          |                              |                     |            |          |                          |              |  |  |
| Send all correspondence to:  | :                        |                              |                     |            |          |                          |              |  |  |
| Birch, Stewart, Kola   | isch & Birch, LLP        | r Custo                      | mer No. 2292        |            |          |                          |              |  |  |
| P.O. Box 747   |                          |                              |                     |            |          |                          |              |  |  |
| Falls Church, VA 27 (703) 205-8000   | 2040-0747                |                              |                     |            |          |                          |              |  |  |
| (103) 403-0000   |                          |                              |                     |            |          |                          |              |  |  |
| Date: March 19, 2002 By By   |                          |                              |                     |            |          |                          |              |  |  |
|  |                          |                              | (                   | Joseph     | ı A. Ko  | lasch, #22,463           | V            |  |  |
|  |                          |                              |                     |            |          |                          |              |  |  |